

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\  
 Data File : BF120271.D  
 Acq On : 1 May 2020 21:13  
 Operator : MA/SJ  
 Sample : L2463-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-AOC14-CAR-WASH

Quant Time: May 02 01:11:22 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 01 15:26:36 2020  
 Response via : Initial Calibration

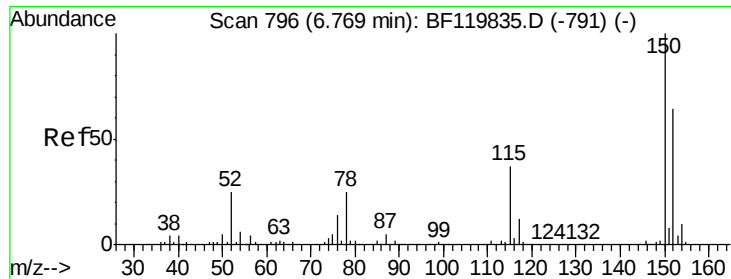
| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.65  | 152  | 102900   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.93  | 136  | 376695   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.69  | 164  | 163099   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.17 | 188  | 280326   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.82 | 240  | 223489   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.22 | 264  | 256432   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.26  | 112 | 645961 | 108.49 | ng | 0.00  |
| 7) Phenol-d6                | 6.30  | 99  | 823839 | 107.38 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.22  | 82  | 479697 | 65.88  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.48 | 330 | 158364 | 79.31  | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.02  | 172 | 862302 | 75.06  | ng | 0.00  |
| 79) Terphenyl-d14           | 12.76 | 244 | 798365 | 60.11  | ng | -0.01 |

|                                |       |     |         |           |   |    |
|--------------------------------|-------|-----|---------|-----------|---|----|
| Target Compounds               |       |     |         | Qvalue    |   |    |
| 9) Benzaldehyde                | 6.21  | 77  | 108     | Below Cal | # | 30 |
| 19) n-Nitroso-di-n-propylamine | 7.22  | 70  | 61658   | 12.497 ng | # | 73 |
| 25) Isophorone                 | 7.22  | 82  | 479693  | 34.175 ng | # | 65 |
| 31) Naphthalene                | 7.96  | 128 | 135830  | 6.854 ng  |   | 96 |
| 33) 4-Chloroaniline            | 7.96  | 127 | 17386   | 2.015 ng  | # | 35 |
| 37) 2-Methylnaphthalene        | 8.65  | 142 | 34660   | 2.580 ng  |   | 94 |
| 38) 1-Methylnaphthalene        | 8.75  | 142 | 26913   | 2.125 ng  | # | 95 |
| 49) Acenaphthylene             | 9.55  | 152 | 83237   | 5.161 ng  |   | 95 |
| 50) Dimethylphthalate          | 9.41  | 163 | 46492   | 3.685 ng  | # | 98 |
| 51) 2,6-Dinitrotoluene         | 9.69  | 165 | 21882   | 7.921 ng  | # | 28 |
| 52) Acenaphthene               | 9.72  | 154 | 70911   | 6.591 ng  |   | 96 |
| 55) Dibenzofuran               | 9.89  | 168 | 64989   | 4.402 ng  |   | 98 |
| 56) 4-Nitrophenol              | 9.89  | 139 | 23221   | 9.891 ng  | # | 6  |
| 58) Fluorene                   | 10.23 | 166 | 94202   | 7.978 ng  |   | 95 |
| 67) 4-Bromophenyl-phenylether  | 10.48 | 248 | 10090   | 2.894 ng  | # | 1  |
| 71) Phenanthrene               | 11.20 | 178 | 787596  | 52.791 ng |   | 98 |
| 72) Anthracene                 | 11.25 | 178 | 266376  | 17.478 ng |   | 97 |
| 73) Carbazole                  | 11.41 | 167 | 54004   | 3.747 ng  |   | 97 |
| 75) Fluoranthene               | 12.39 | 202 | 999040  | 62.061 ng |   | 97 |
| 78) Pvrene                     | 12.62 | 202 | 1046654 | 55.553 ng |   | 97 |
| 81) Benzo(a)anthracene         | 13.84 | 228 | 501422  | 34.104 ng |   | 96 |
| 83) Chrysene                   | 13.84 | 228 | 501422  | 33.564 ng |   | 97 |
| 86) Indeno(1,2,3-cd)pyrene     | 16.57 | 276 | 270625  | 20.551 ng |   | 95 |
| 88) Benzo(b)fluoranthene       | 14.83 | 252 | 854340  | 46.313 ng |   | 98 |
| 89) Benzo(k)fluoranthene       | 14.83 | 252 | 854340  | 53.676 ng |   | 99 |
| 90) Benzo(a)pyrene             | 15.17 | 252 | 479589  | 30.921 ng |   | 99 |
| 91) Dibenzo(a,h)anthracene     | 16.73 | 278 | 60068   | 4.372 ng  |   | 96 |
| 92) Benzo(g,h,i)perylene       | 16.98 | 276 | 256900  | 18.943 ng |   | 97 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed



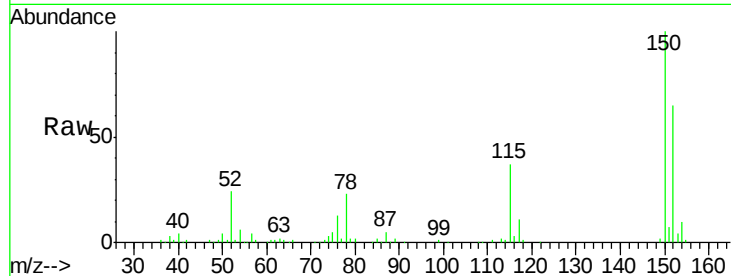


#1

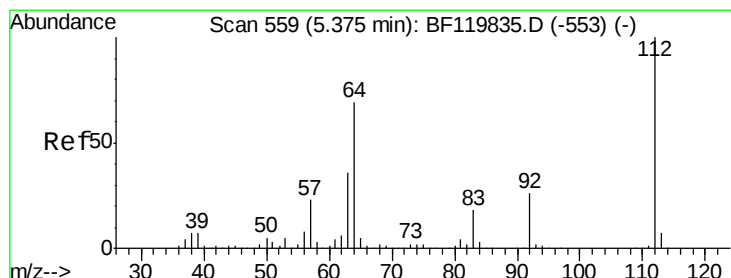
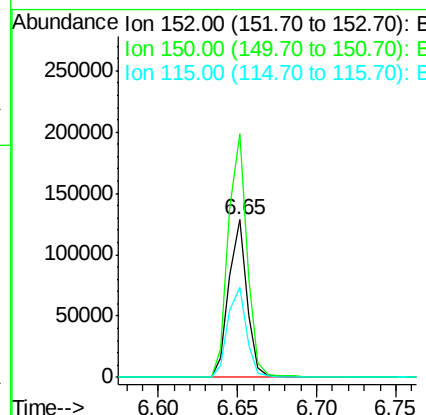
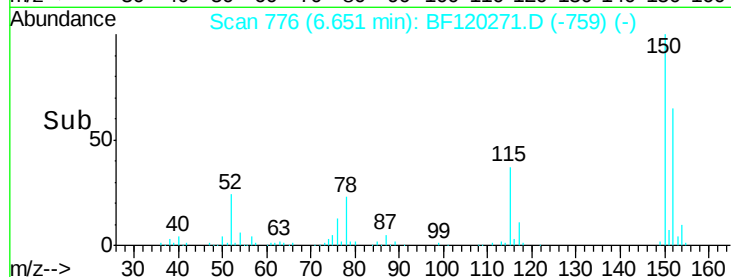
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.65 min Scan# 776  
Delta R.T. 0.00 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-AOC14-CAR-WASH

Tot Ion:152 Resp: 102900  
Ion Ratio Lower Upper  
152 100  
150 154.6 124.5 186.7  
115 57.1 49.6 74.4



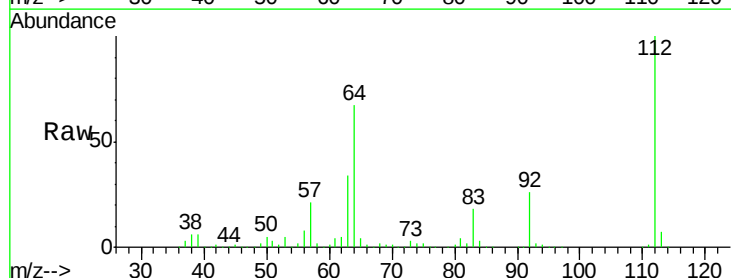
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



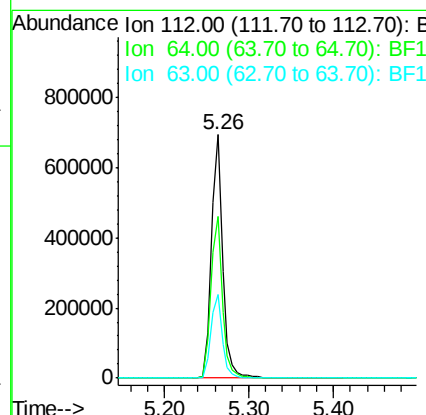
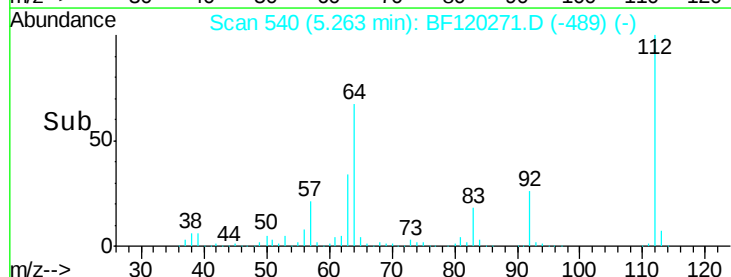
#5

2-Fluorophenol  
Concen: 108.488 ng  
RT: 5.26 min Scan# 540  
Delta R.T. 0.00 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

Tgt Ion:112 Resp: 645961  
Ion Ratio Lower Upper  
112 100  
64 66.6 56.7 85.1  
63 34.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.378 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA\_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

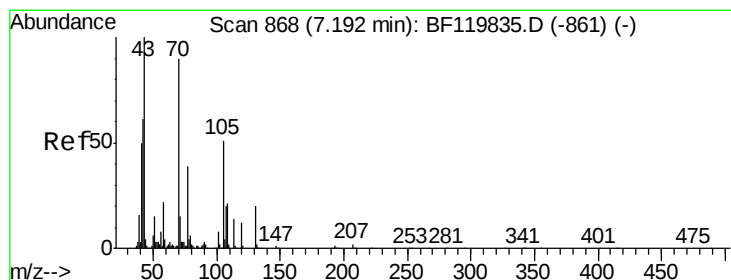
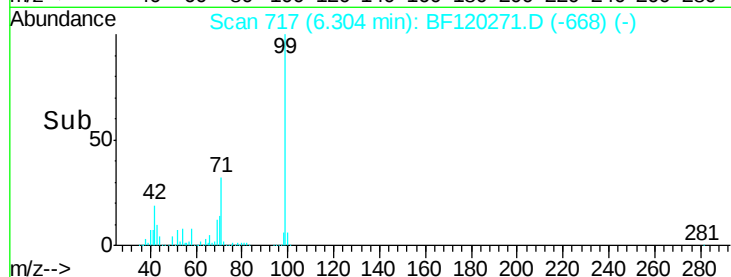
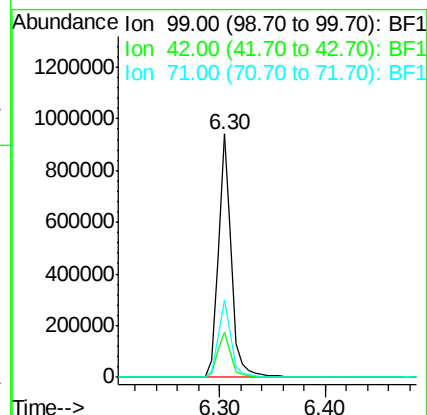
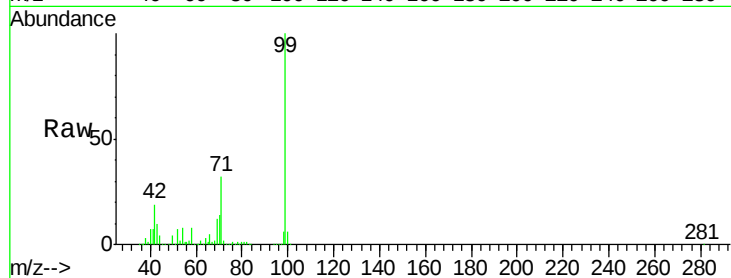
Tot Ion: 99 Resp: 823839

Ion Ratio Lower Upper

99 100

42 18.8 16.6 24.8

71 31.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.497 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Tgt Ion: 70 Resp: 61658

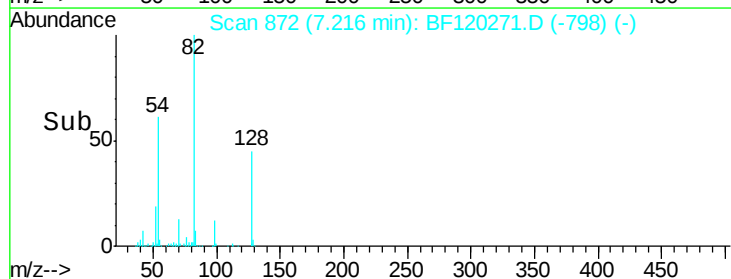
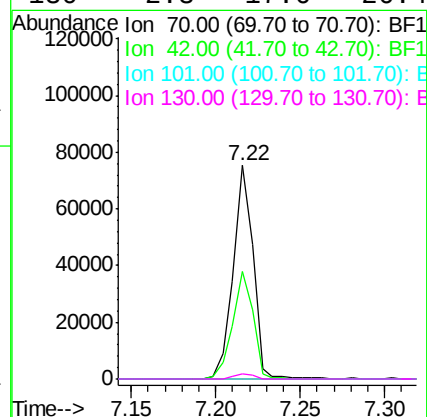
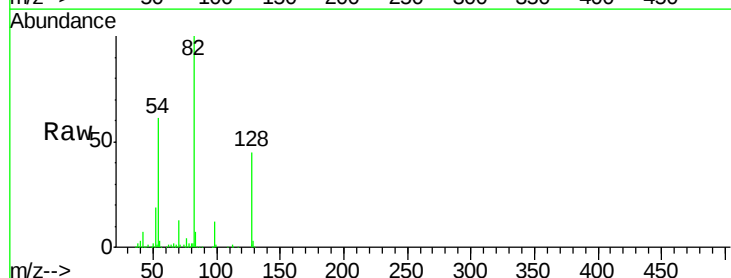
Ion Ratio Lower Upper

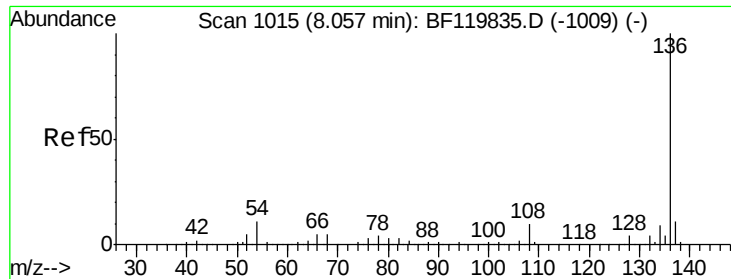
70 100

42 50.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

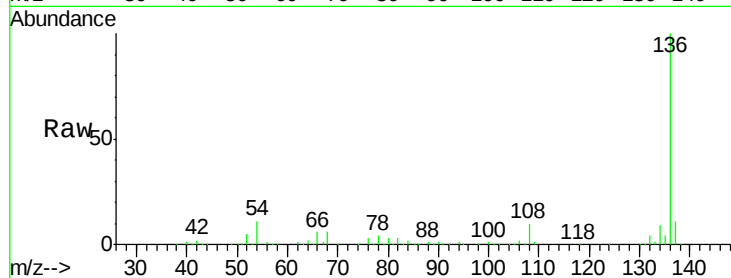




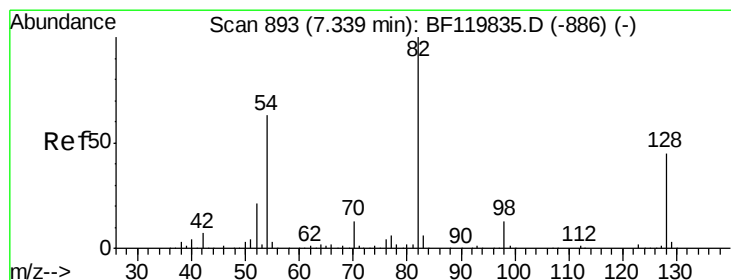
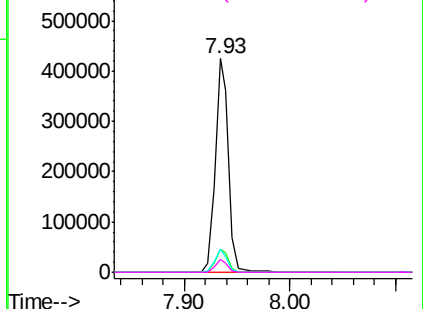
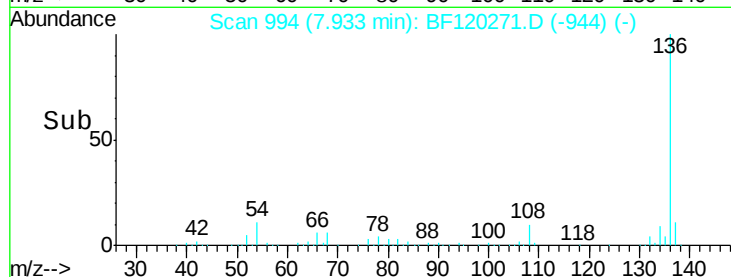
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.93 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-AOC14-CAR-WASH

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 376695      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.5  | 8.7 13.1    |
| 54          | 11.0  | 9.1 13.7    |
| 68          | 6.0   | 4.6 6.8     |

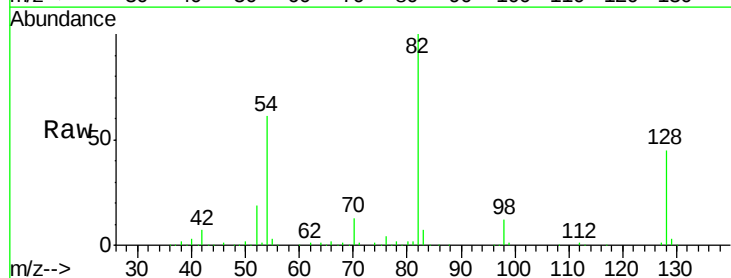


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

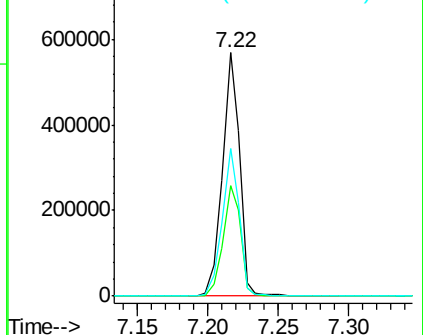
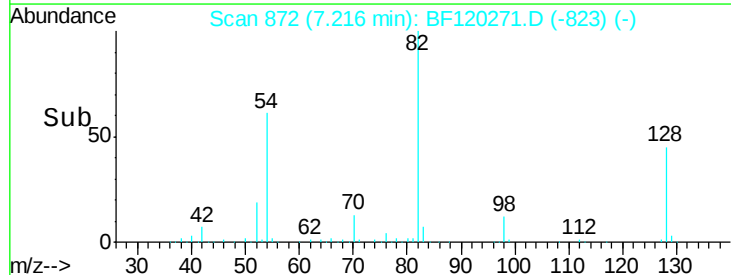


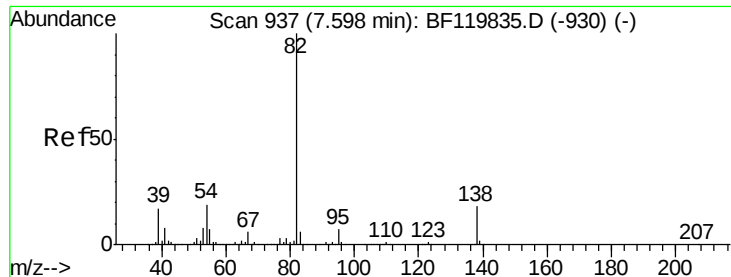
#23  
Nitrobenzene-d5  
Concen: 65.879 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 479697      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 45.4  | 36.3 54.5   |
| 54          | 60.7  | 50.6 75.8   |



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.175 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.27 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA\_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

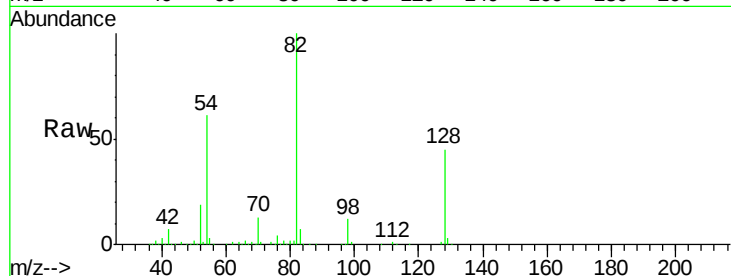
Tot Ion: 82 Resp: 479693

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

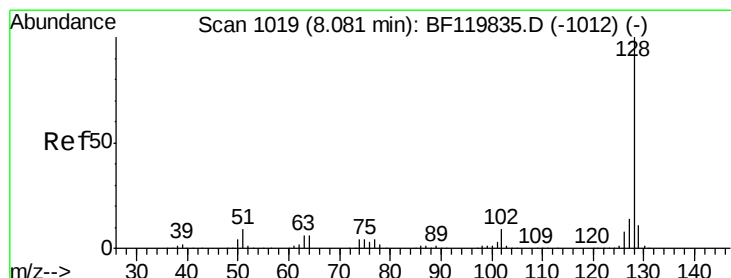
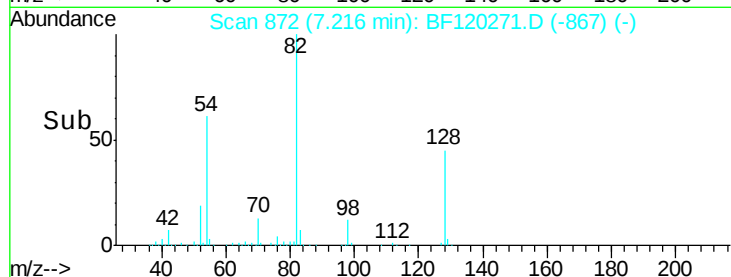
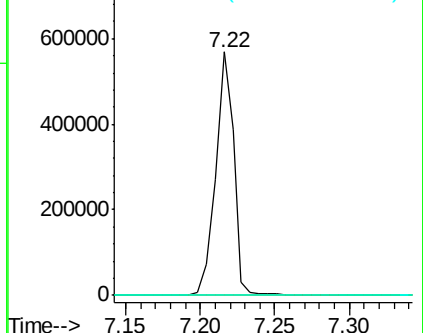
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 6.854 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

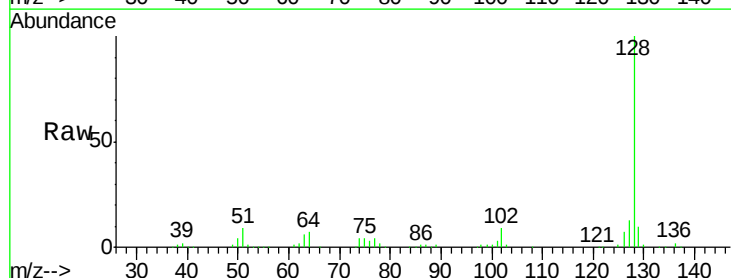
Tgt Ion: 128 Resp: 135830

Ion Ratio Lower Upper

128 100

129 10.1 9.5 14.3

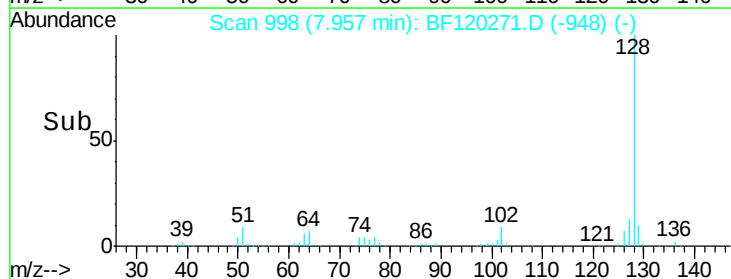
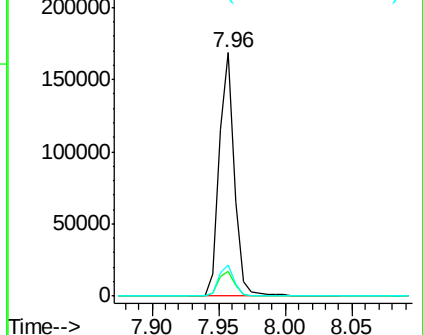
127 12.6 11.3 16.9

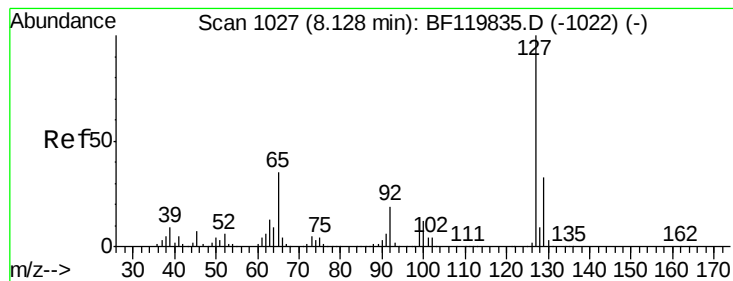


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 2.015 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.06 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA\_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

Tot Ion:127 Resp: 17386

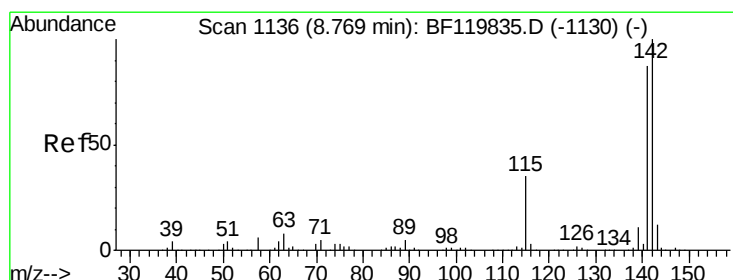
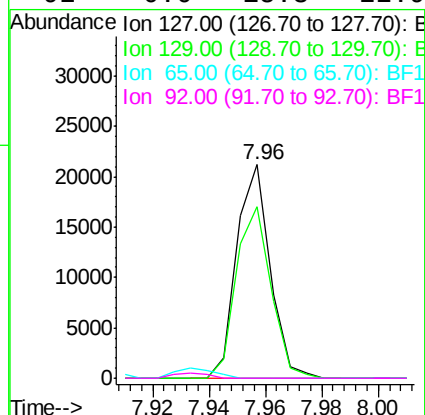
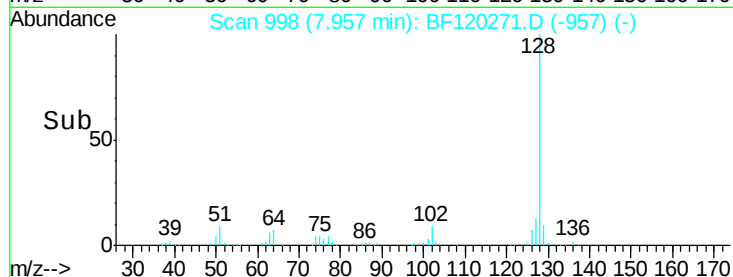
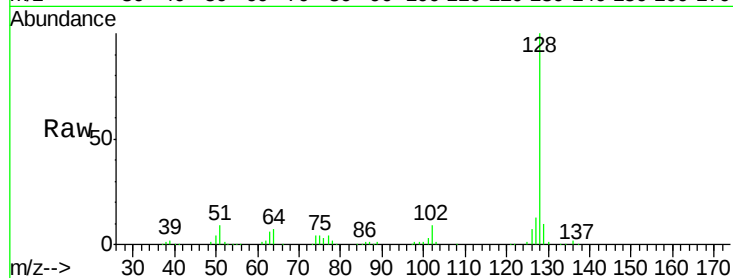
Ion Ratio Lower Upper

127 100

129 80.1 26.2 39.4#

65 0.0 27.4 41.0#

92 0.0 15.3 22.9#



#37

2-Methylnaphthalene

Concen: 2.580 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

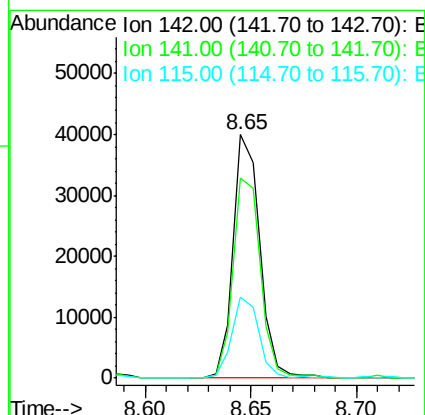
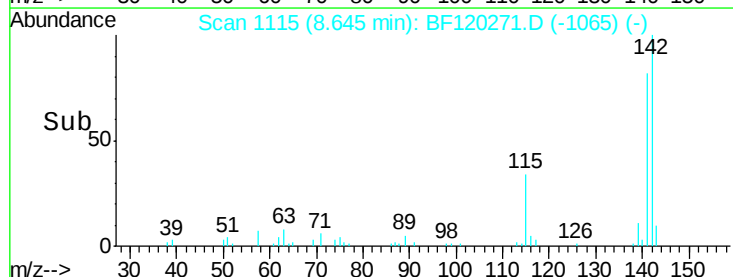
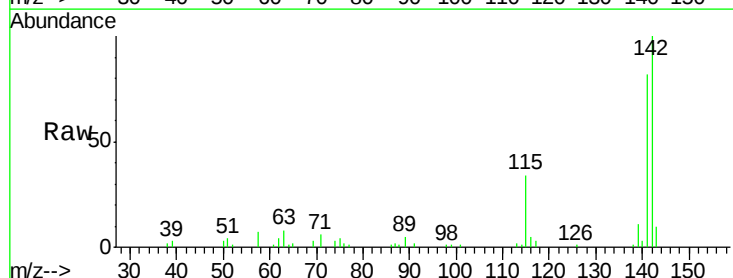
Tgt Ion:142 Resp: 34660

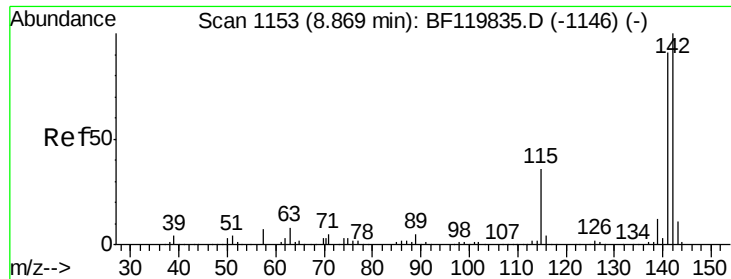
Ion Ratio Lower Upper

142 100

141 82.4 71.7 107.5

115 33.6 27.9 41.9

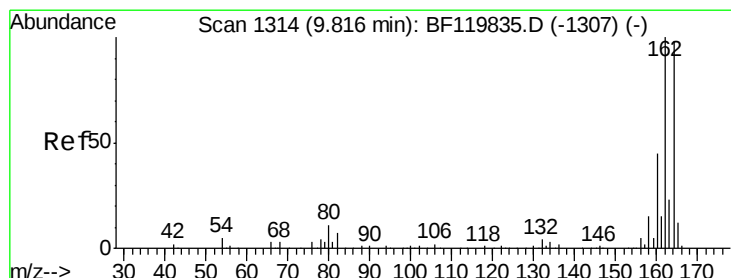
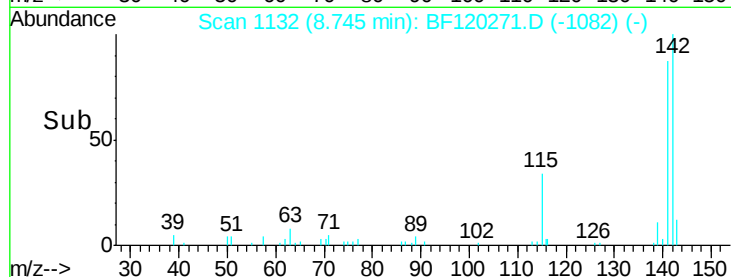
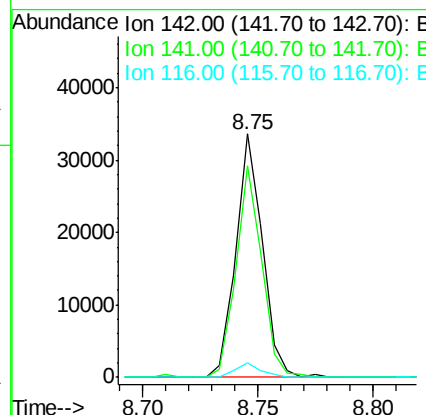
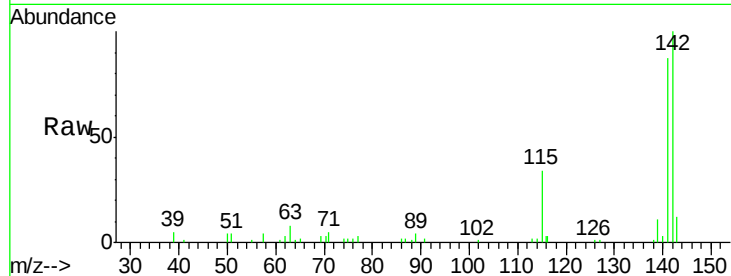




#38  
 1-Methylnaphthalene  
 Concen: 2.125 ng  
 RT: 8.75 min Scan# 1132  
 Delta R.T. -0.01 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

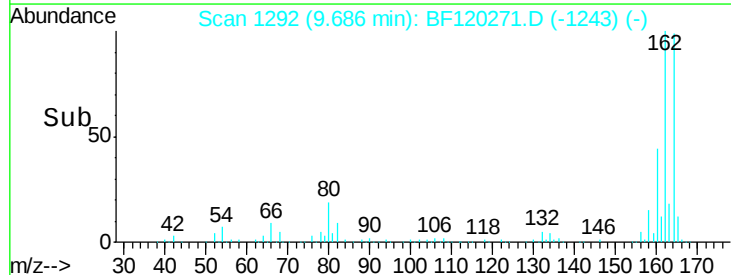
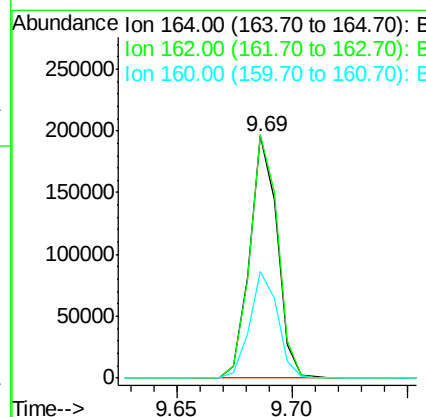
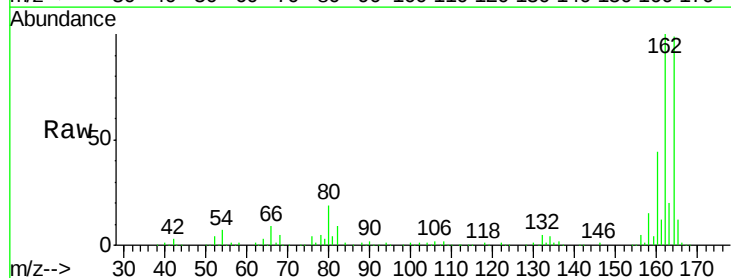
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-AOC14-CAR-WASH

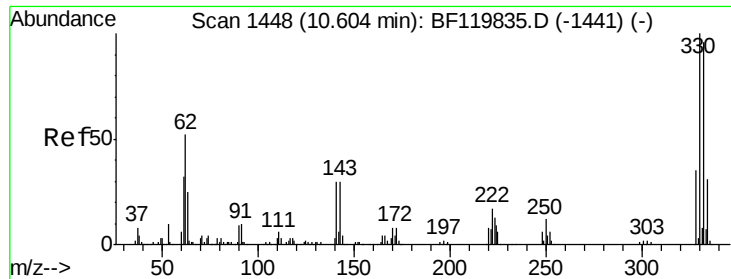
Tot Ion:142 Resp: 26913  
 Ion Ratio Lower Upper  
 142 100  
 141 86.9 73.7 110.5  
 116 6.0 3.0 4.6#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.69 min Scan# 1292  
 Delta R.T. -0.01 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

Tgt Ion:164 Resp: 163099  
 Ion Ratio Lower Upper  
 164 100  
 162 100.6 80.6 121.0  
 160 44.1 35.7 53.5

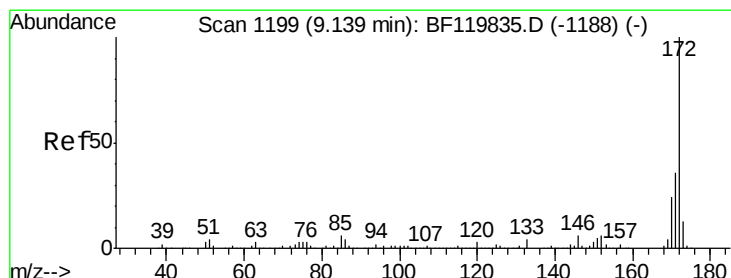
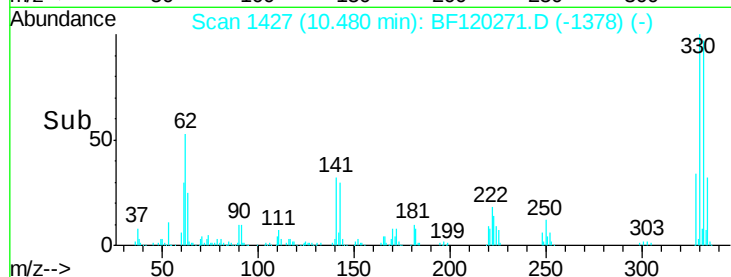
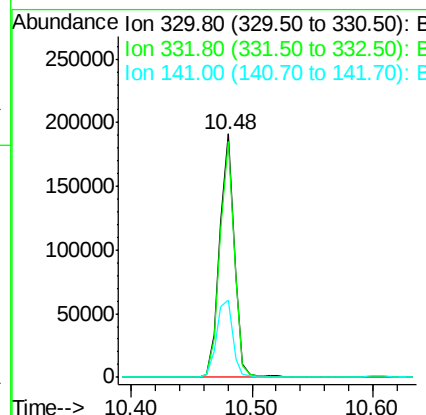
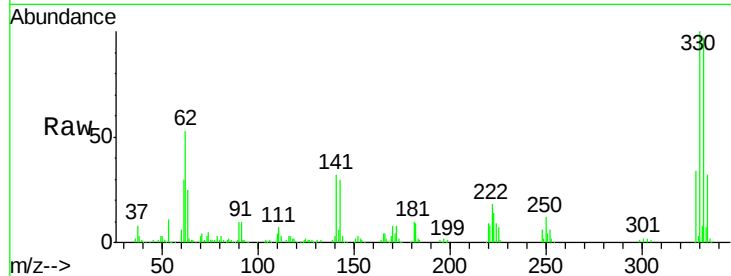




#42  
 2,4,6-Tribromophenol  
 Concen: 79.305 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. -0.01 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

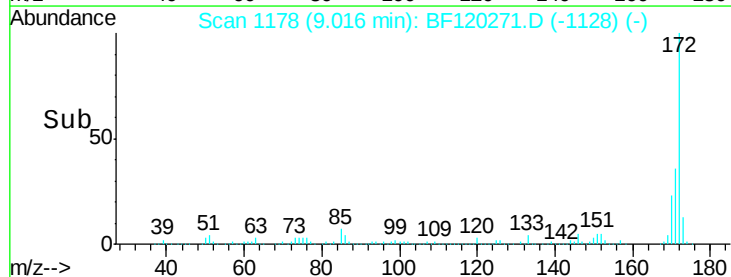
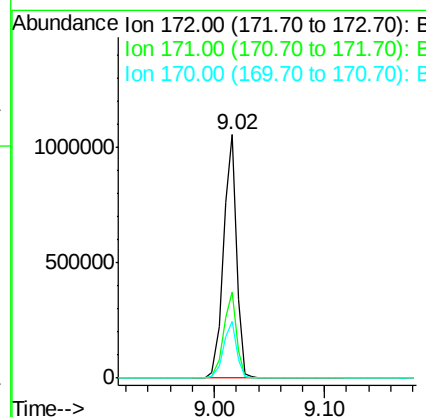
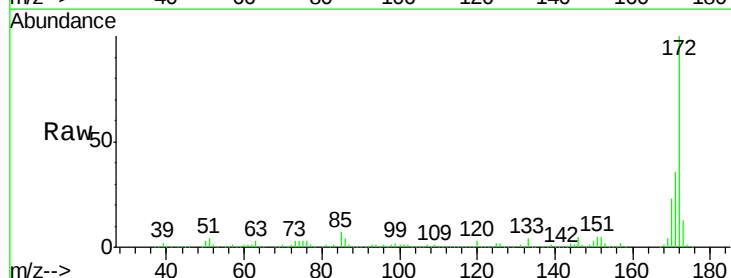
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-AOC14-CAR-WASH

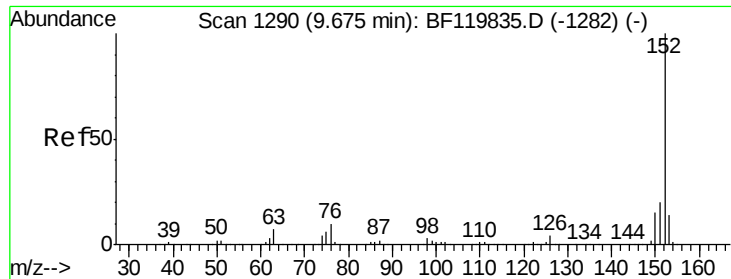
Tot Ion:330 Resp: 158364  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 75.7 113.5  
 141 35.7 25.4 38.0



#45  
 2-Fluorobiphenyl  
 Concen: 75.064 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. -0.01 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

Tgt Ion:172 Resp: 862302  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 29.6 44.4  
 170 23.4 20.2 30.2





#49

Acenaphthylene

Concen: 5.161 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA\_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

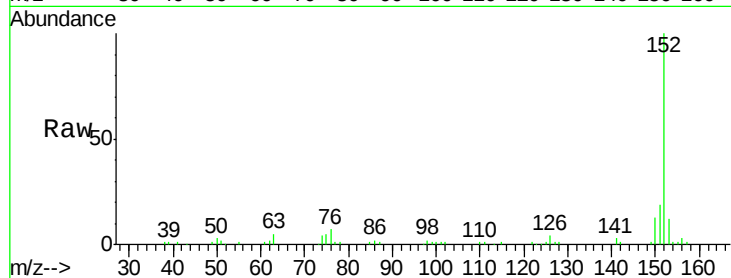
Tot Ion:152 Resp: 83237

Ion Ratio Lower Upper

152 100

151 19.4 17.2 25.8

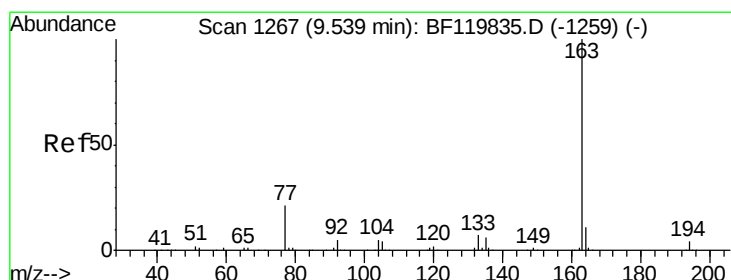
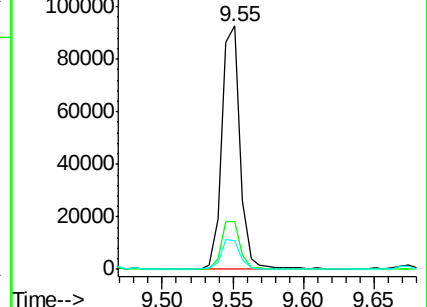
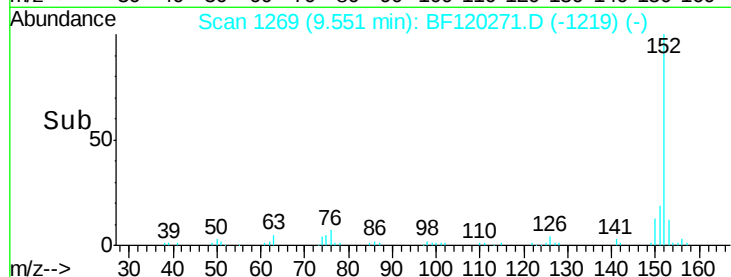
153 11.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.685 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

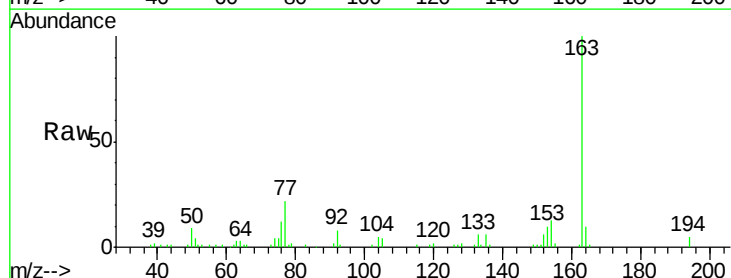
Tgt Ion:163 Resp: 46492

Ion Ratio Lower Upper

163 100

194 4.9 3.1 4.7#

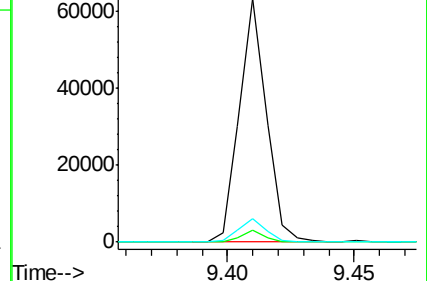
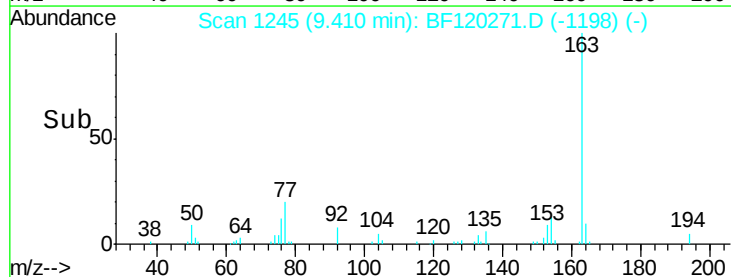
164 9.8 8.2 12.2

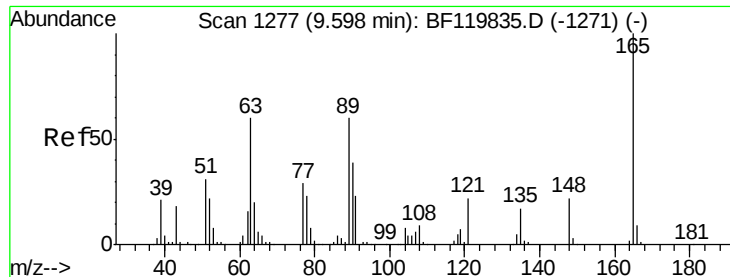


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

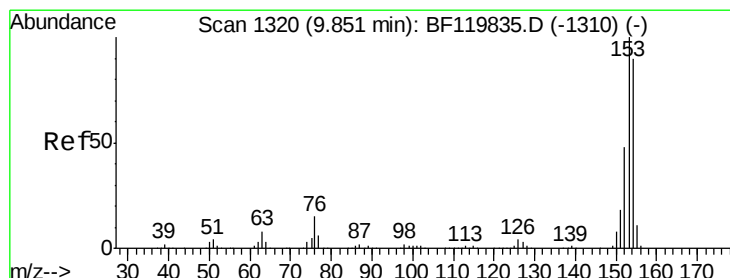
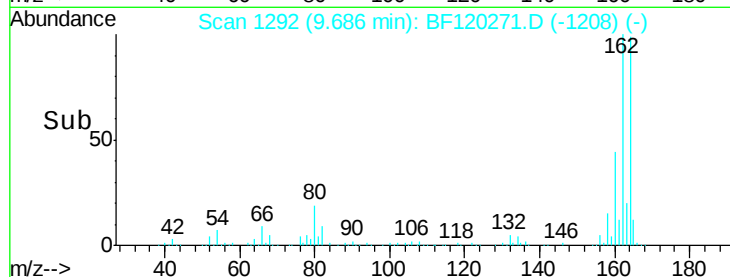
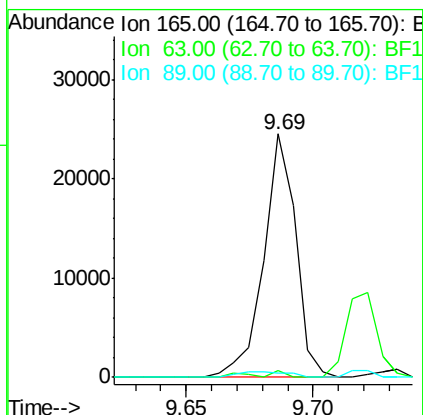
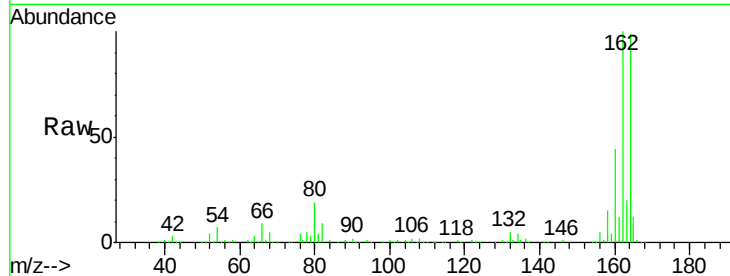




#51  
 2,6-Dinitrotoluene  
 Concen: 7.921 ng  
 RT: 9.69 min Scan# 1292  
 Delta R.T. 0.19 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

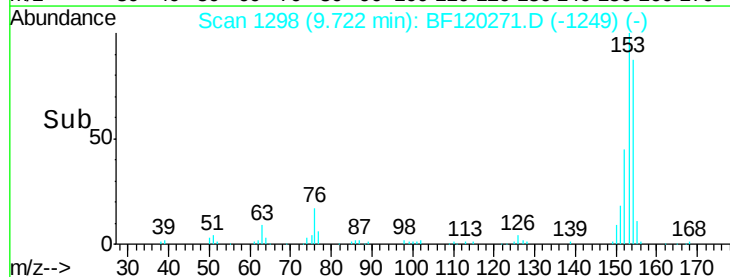
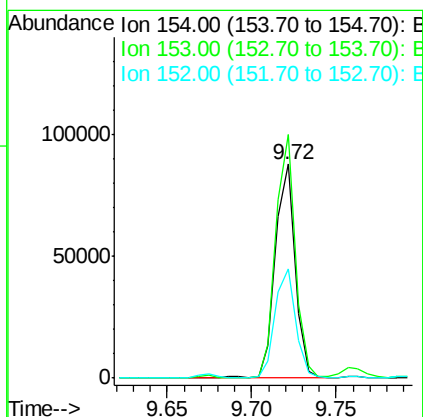
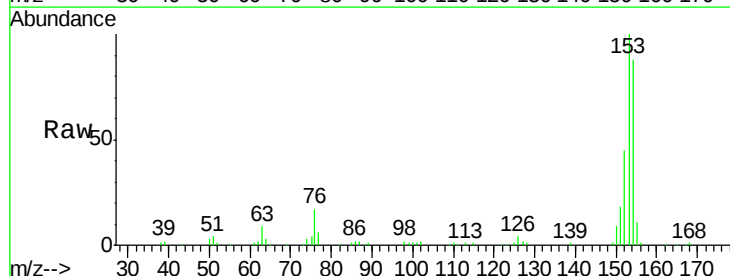
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-AOC14-CAR-WASH

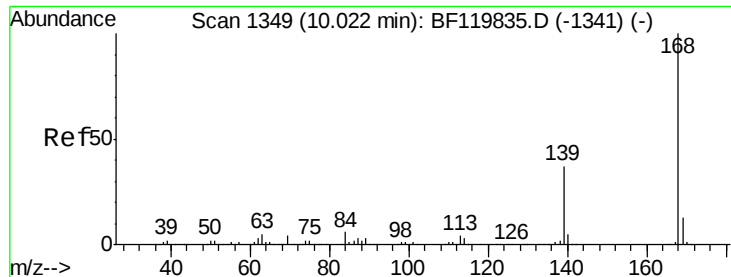
Tot Ion:165 Resp: 21882  
 Ion Ratio Lower Upper  
 165 100  
 63 2.9 45.0 67.4#  
 89 1.9 41.5 62.3#



#52  
 Acenaphthene  
 Concen: 6.591 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

Tgt Ion:154 Resp: 70911  
 Ion Ratio Lower Upper  
 154 100  
 153 114.0 88.1 132.1  
 152 51.0 43.0 64.4

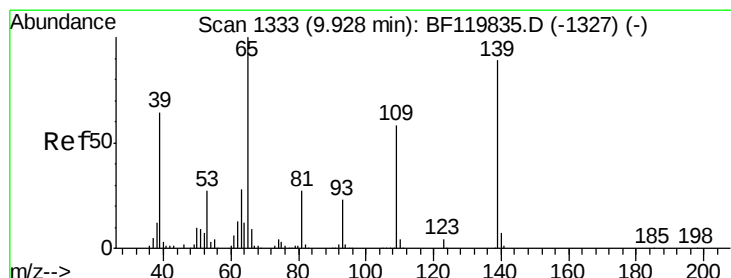
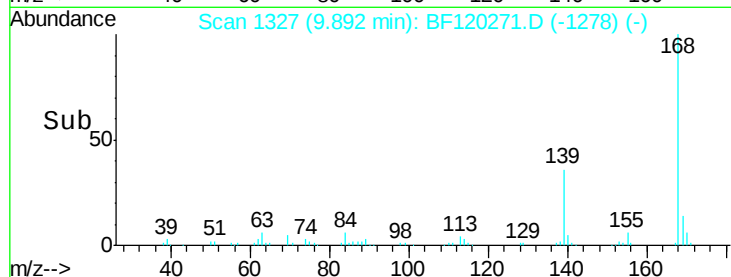
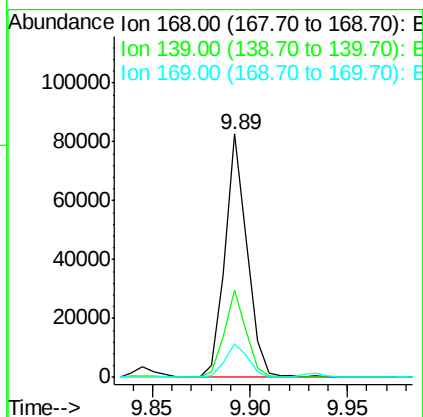
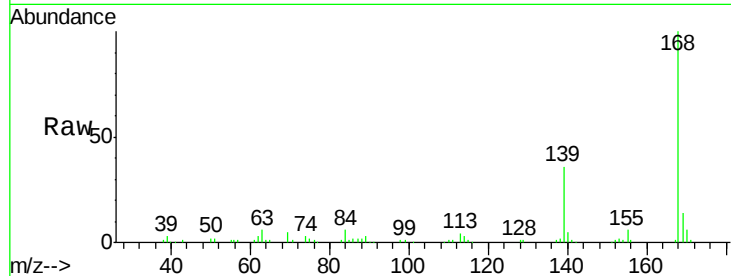




#55  
Dibenzofuran  
Concen: 4.402 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

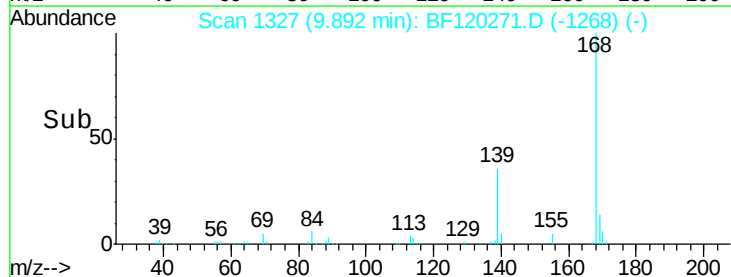
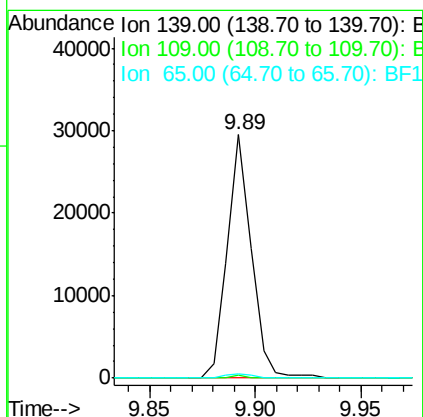
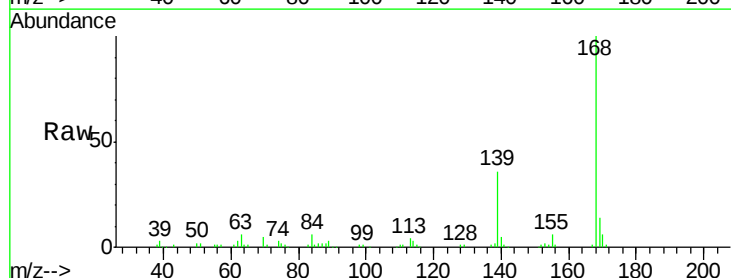
Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-AOC14-CAR-WASH

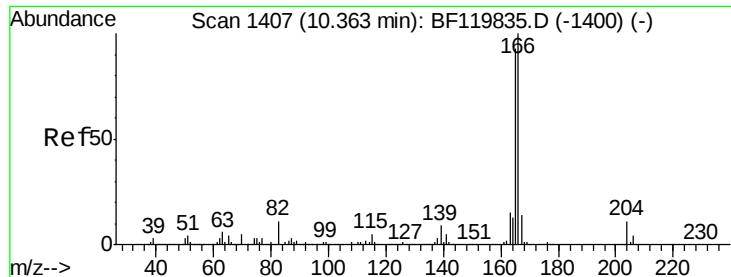
Tot Ion:168 Resp: 64989  
Ion Ratio Lower Upper  
168 100  
139 35.7 30.1 45.1  
169 13.6 11.0 16.6



#56  
4-Nitrophenol  
Concen: 9.891 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. 0.05 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

Tgt Ion:139 Resp: 23221  
Ion Ratio Lower Upper  
139 100  
109 1.3 43.3 83.3#  
65 1.9 91.0 131.0#





#58

Fluorene

Concen: 7.978 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA\_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

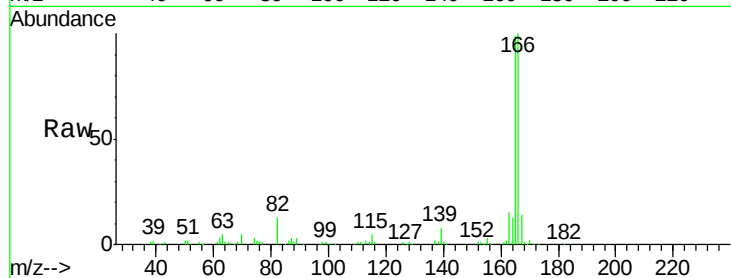
Tot Ion:166 Resp: 94202

Ion Ratio Lower Upper

166 100

165 99.4 75.4 113.2

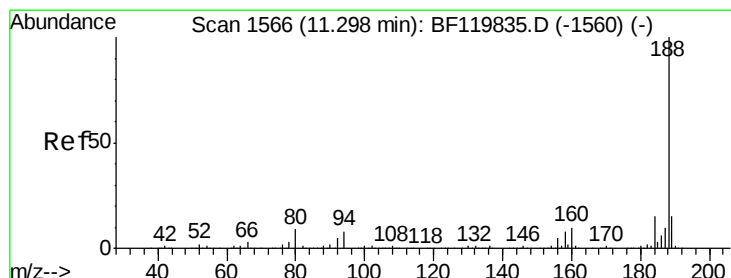
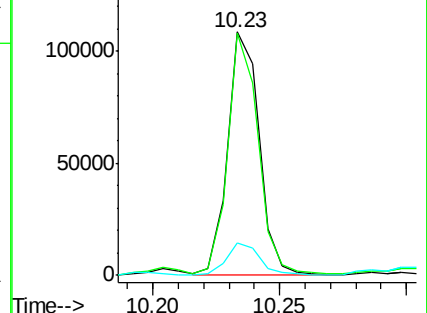
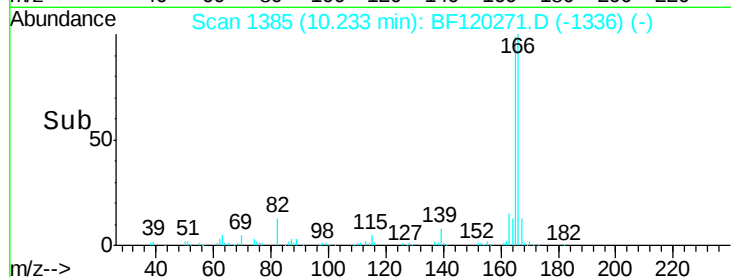
167 13.5 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

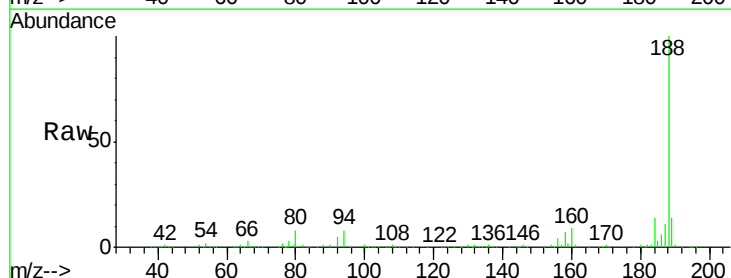
Tgt Ion:188 Resp: 280326

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

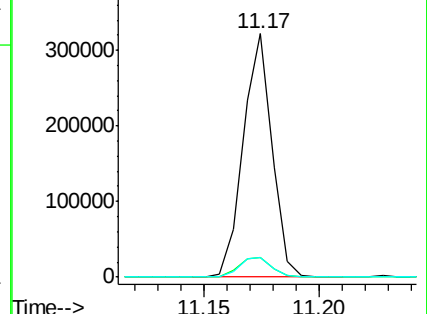
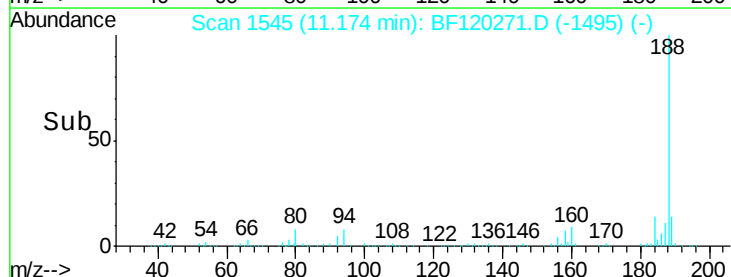
80 8.1 9.0 13.4#

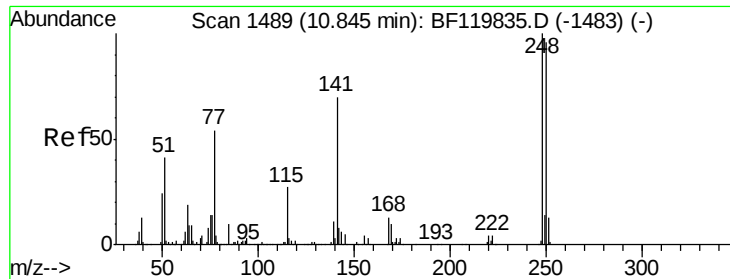


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

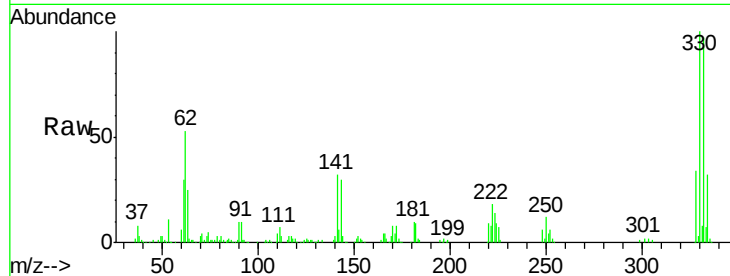




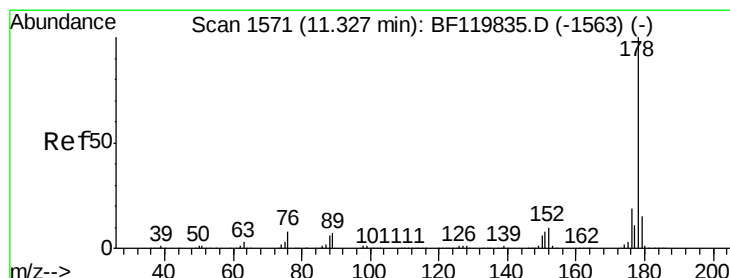
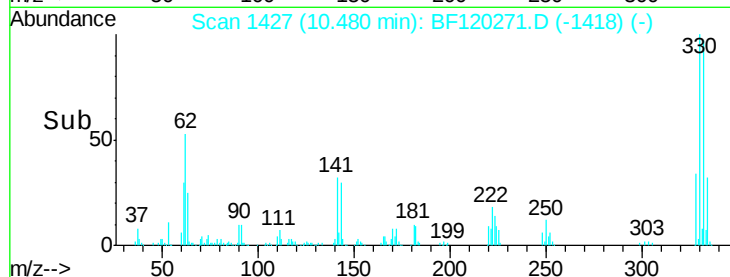
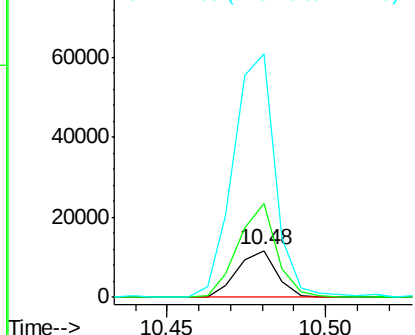
#67  
 4-Bromophenyl-phenylether  
 Concen: 2.894 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. -0.25 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-AOC14-CAR-WASH

Tot Ion:248 Resp: 10090  
 Ion Ratio Lower Upper  
 248 100  
 250 198.6 77.3 115.9#  
 141 517.7 58.6 87.8#

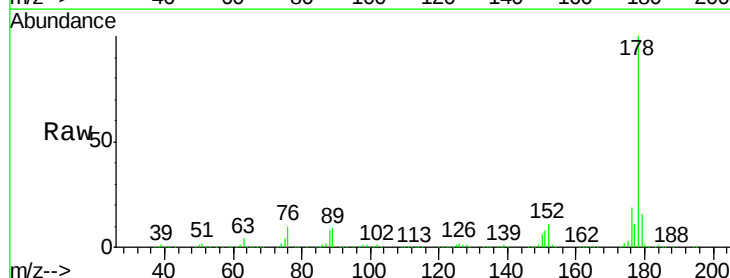


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

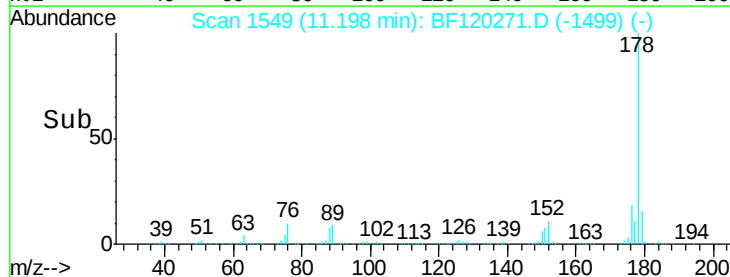
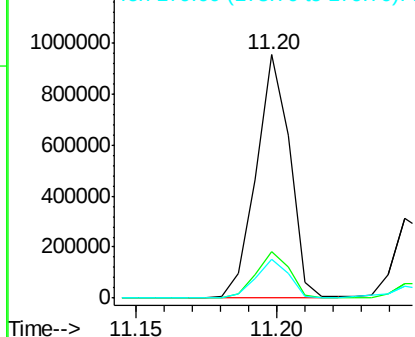


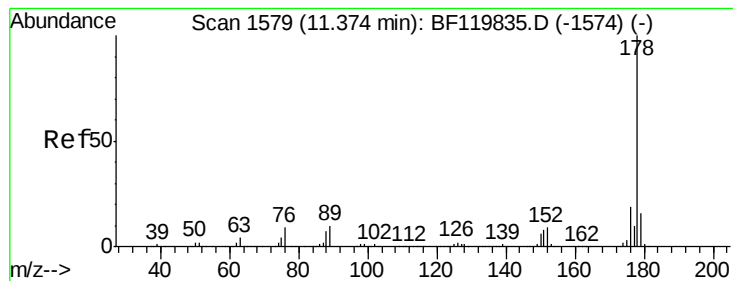
#71  
 Phenanthrene  
 Concen: 52.791 ng  
 RT: 11.20 min Scan# 1549  
 Delta R.T. -0.01 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

Tgt Ion:178 Resp: 787596  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 16.2 24.4  
 179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 17.478 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA\_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

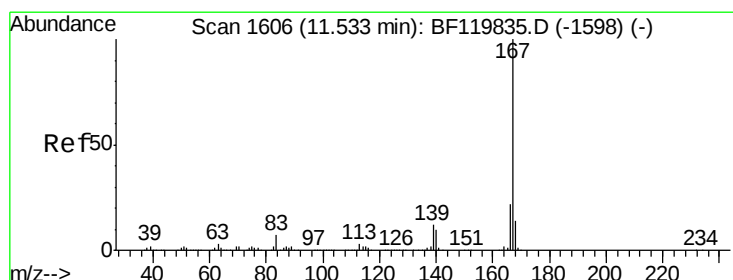
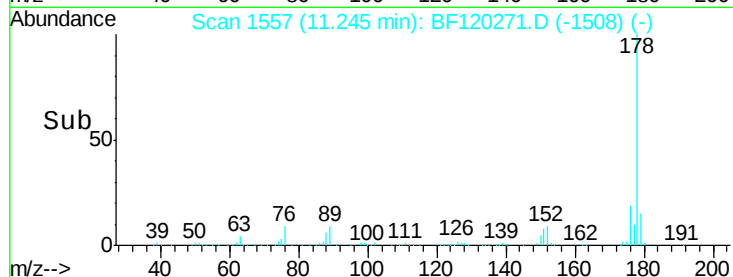
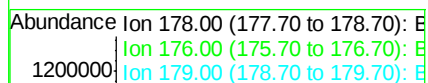
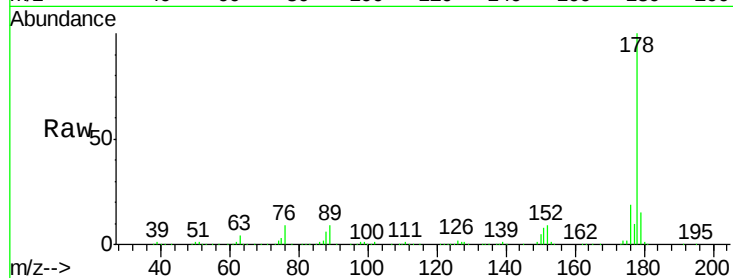
Tot Ion:178 Resp: 266376

Ion Ratio Lower Upper

178 100

176 18.5 16.1 24.1

179 14.9 13.0 19.4



#73

Carbazole

Concen: 3.747 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

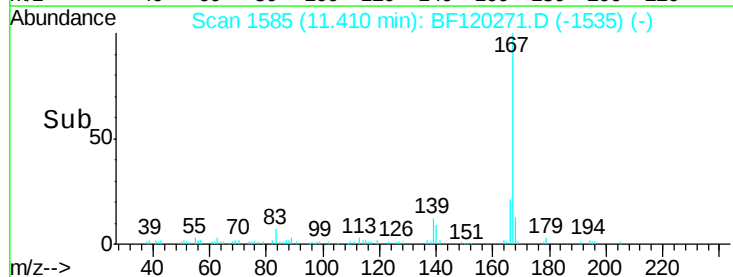
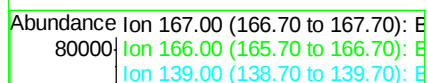
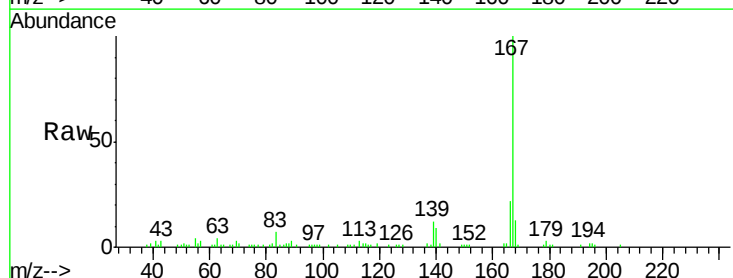
Tgt Ion:167 Resp: 54004

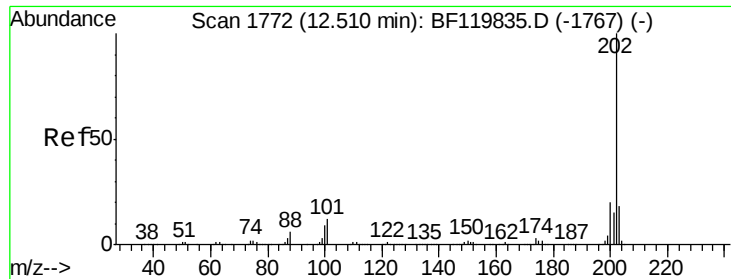
Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.4

139 12.0 10.7 16.1





#75

Fluoranthene

Concen: 62.061 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA\_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

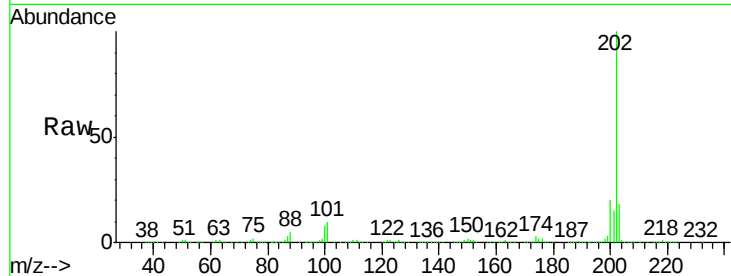
Tot Ion:202 Resp: 999040

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.2

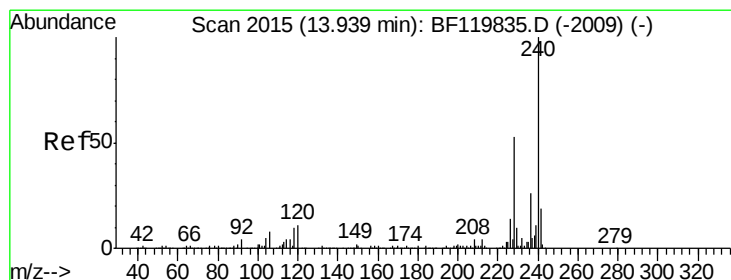
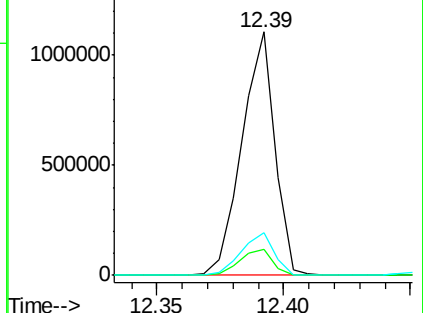
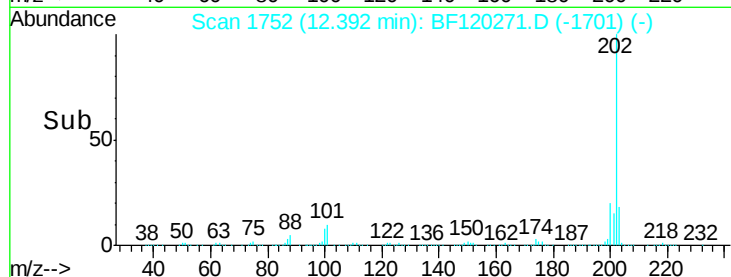
203 17.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

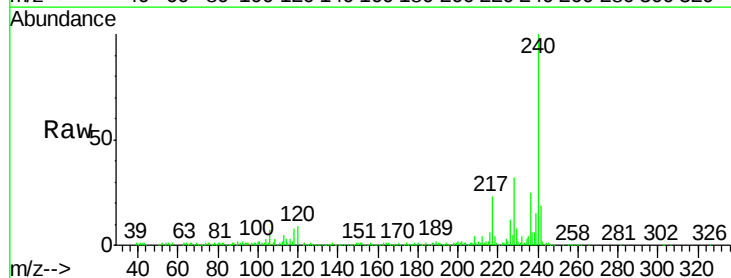
Tgt Ion:240 Resp: 223489

Ion Ratio Lower Upper

240 100

120 9.3 10.6 15.8#

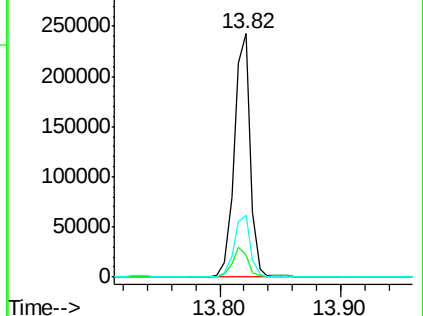
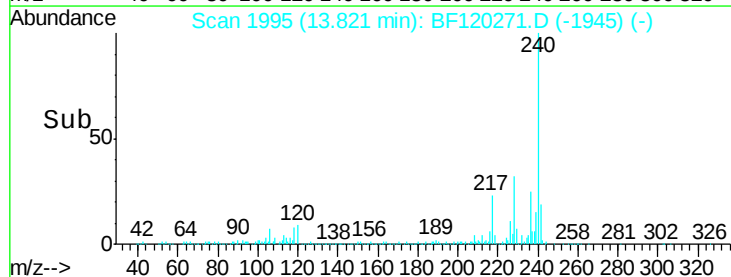
236 25.2 20.2 30.2

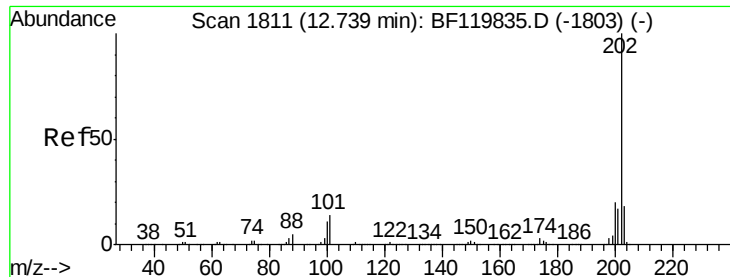


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

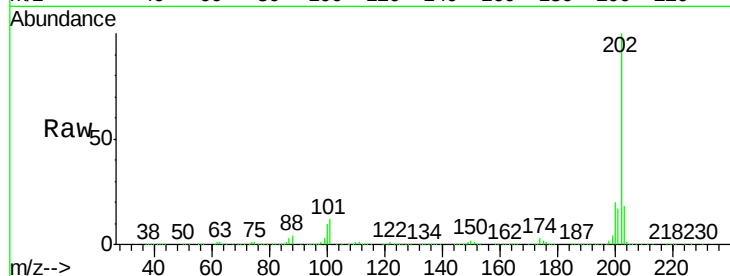




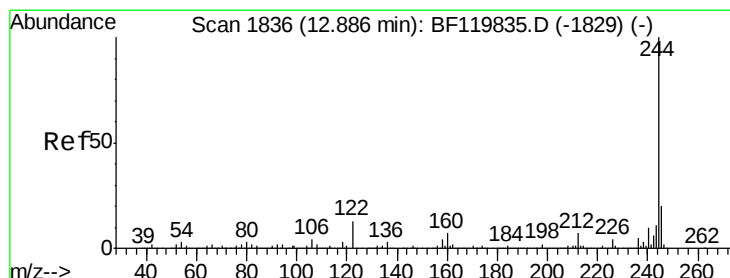
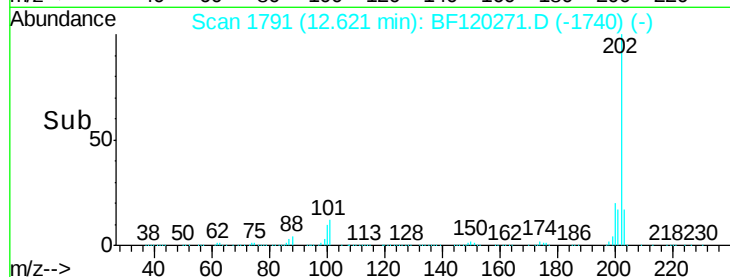
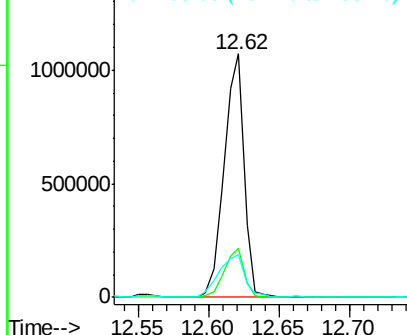
#78  
Pvrene  
Concen: 55.553 ng  
RT: 12.62 min Scan# 1791  
Delta R.T. 0.00 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-AOC14-CAR-WASH

Tot Ion:202 Resp: 1046654  
Ion Ratio Lower Upper  
202 100  
200 20.0 16.8 25.2  
203 17.6 15.1 22.7

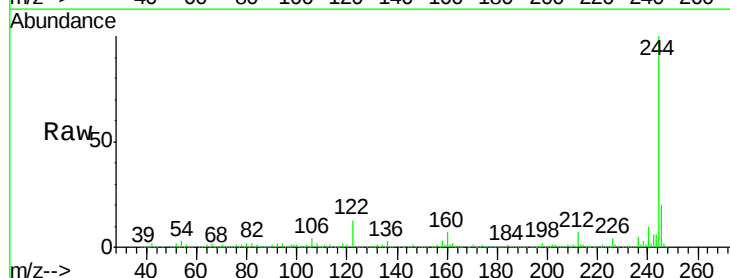


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

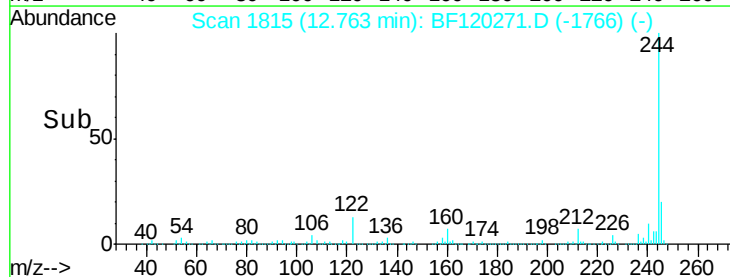
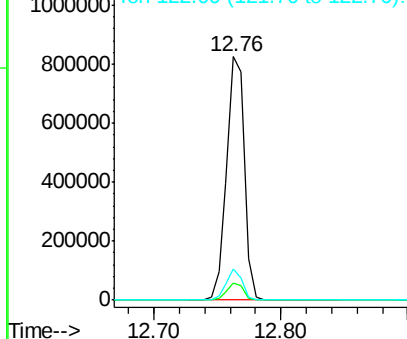


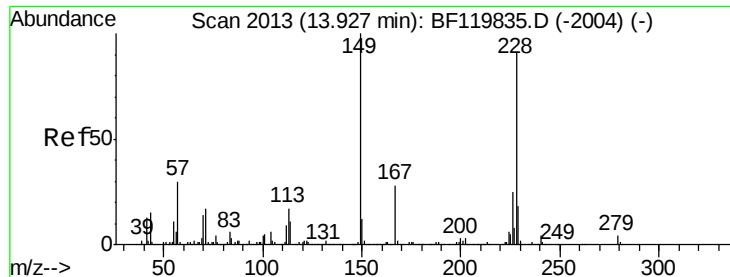
#79  
Terphenyl-d14  
Concen: 60.109 ng  
RT: 12.76 min Scan# 1815  
Delta R.T. -0.01 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

Tgt Ion:244 Resp: 798365  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.8  
122 12.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E

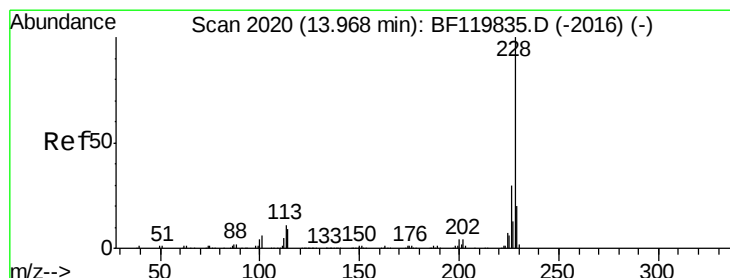
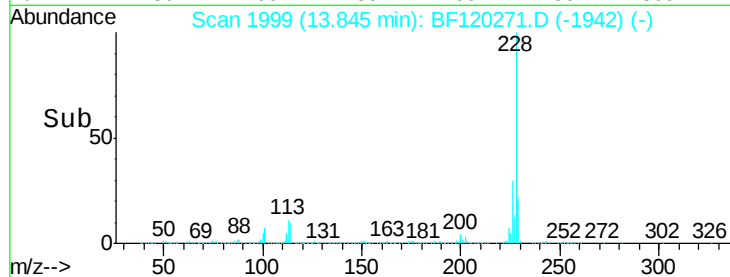
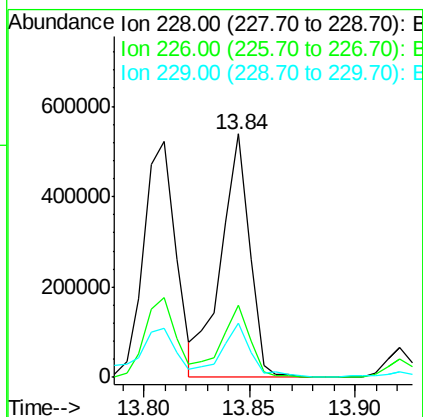
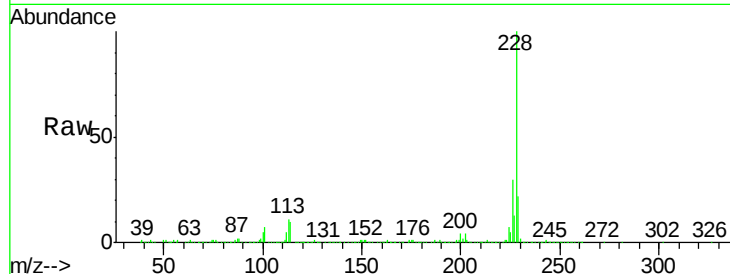




#81  
Benzo(a)anthracene  
Concen: 34.104 ng  
RT: 13.84 min Scan# 1999  
Delta R.T. 0.04 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

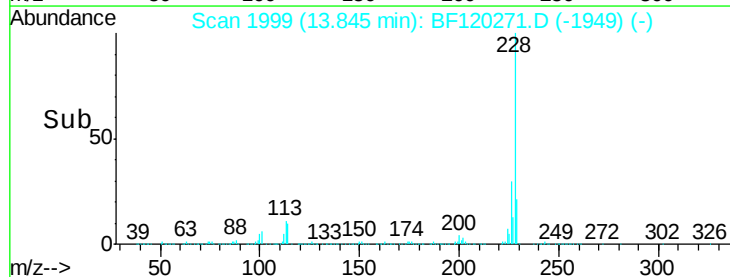
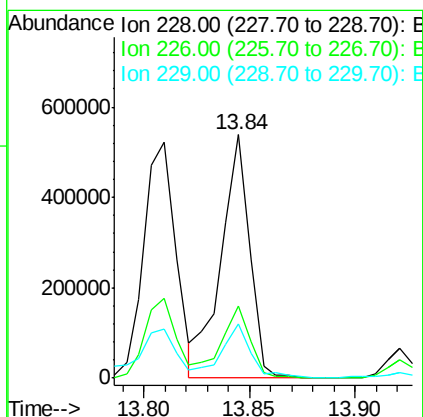
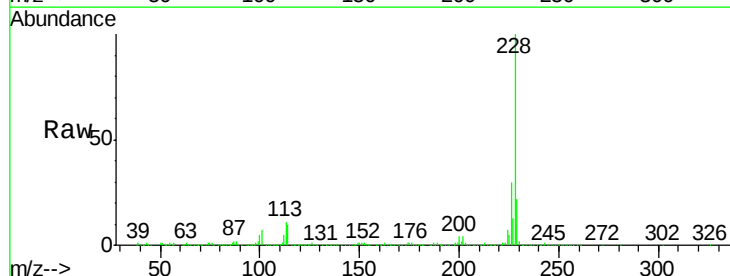
Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-AOC14-CAR-WASH

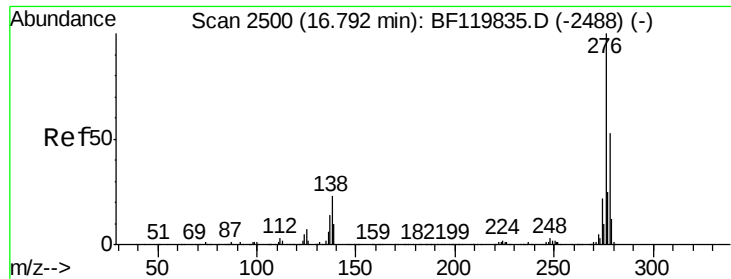
Tot Ion:228 Resp: 501422  
Ion Ratio Lower Upper  
228 100  
226 29.8 21.8 32.8  
229 22.0 16.2 24.4



#83  
Chrysene  
Concen: 33.564 ng  
RT: 13.84 min Scan# 1999  
Delta R.T. -0.01 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

Tgt Ion:228 Resp: 501422  
Ion Ratio Lower Upper  
228 100  
226 29.8 25.4 38.0  
229 22.0 16.6 24.8

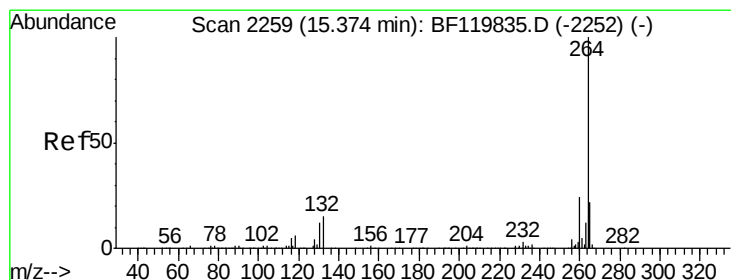
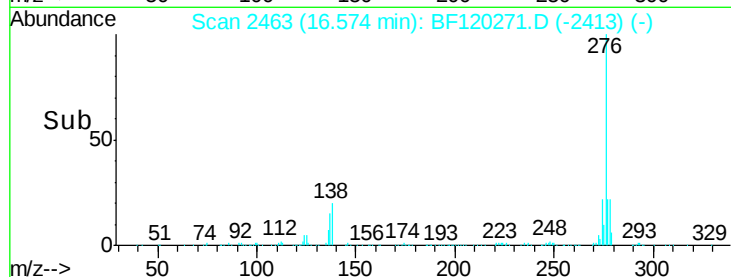
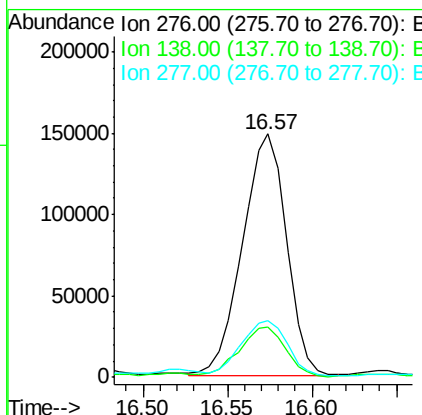
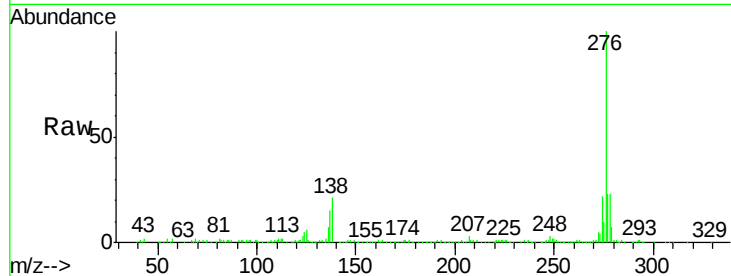




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 20.551 ng  
 RT: 16.57 min Scan# 2463  
 Delta R.T. -0.01 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

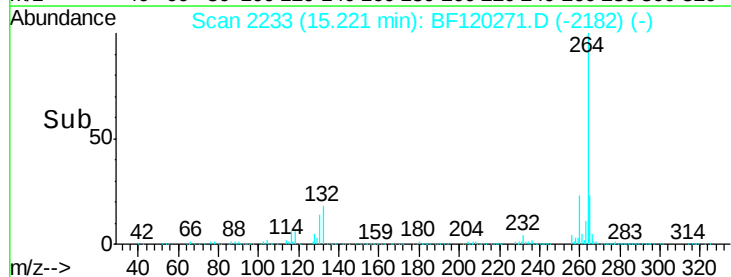
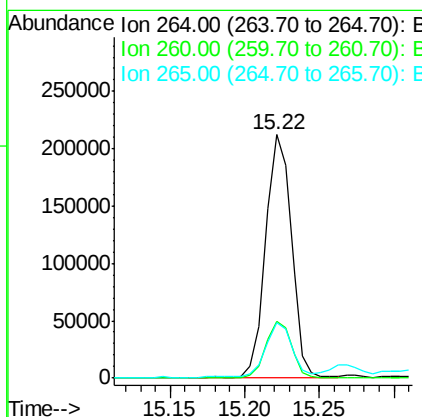
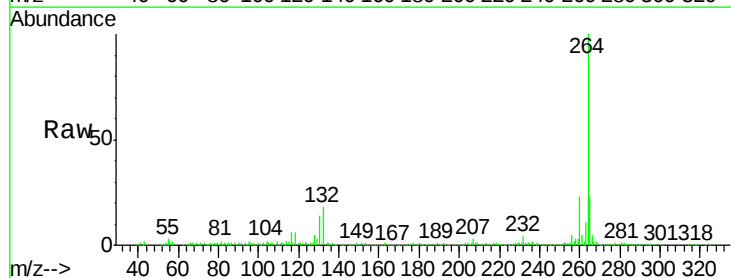
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-AOC14-CAR-WASH

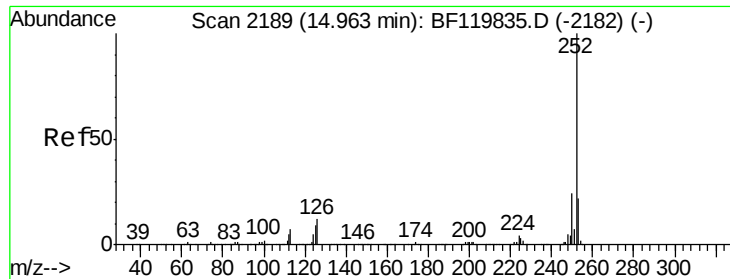
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:276 | Resp: | 270625    |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 21.1  | 19.6 29.4 |
| 277         | 23.8  | 20.0 30.0 |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.22 min Scan# 2233  
 Delta R.T. 0.00 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 256432    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 23.3  | 18.7 28.1 |
| 265         | 22.9  | 17.7 26.5 |





#88

Benzo(b)fluoranthene

Concen: 46.313 ng

RT: 14.83 min Scan# 2167

Delta R.T. 0.00 min

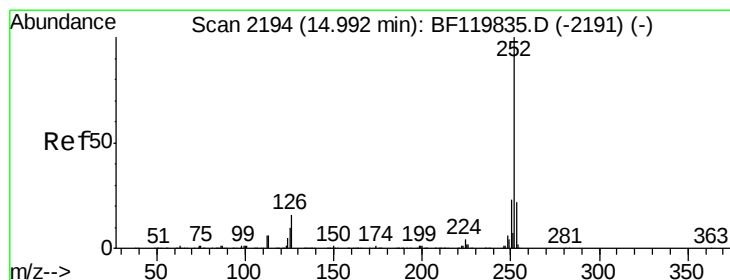
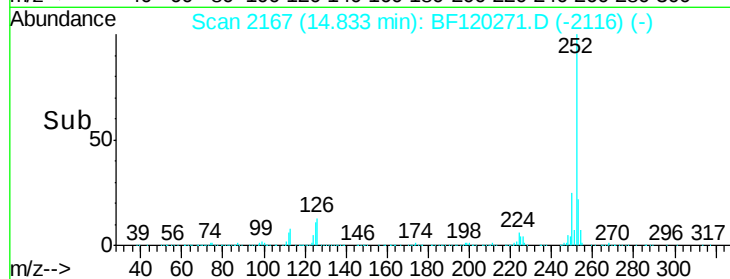
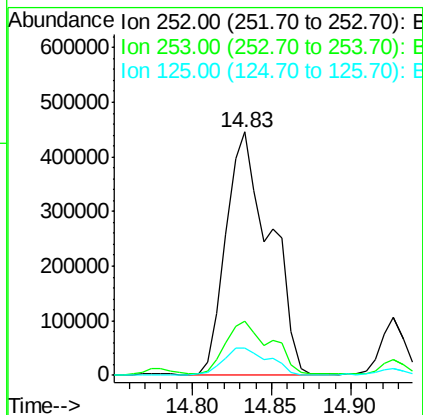
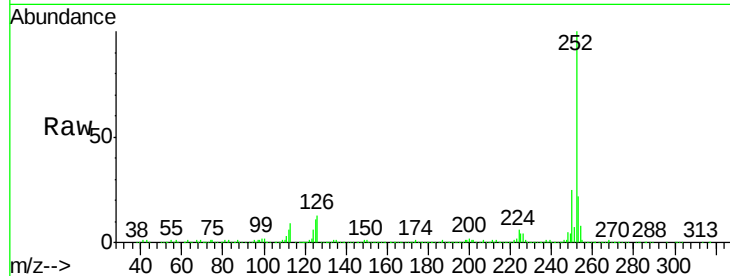
Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-AOC14-CAR-WASH

Tot Ion:252 Resp: 854340

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.4  | 26.0  |
| 125 | 11.0  | 7.9   | 11.9  |



#89

Benzo(k)fluoranthene

Concen: 53.676 ng

RT: 14.83 min Scan# 2167

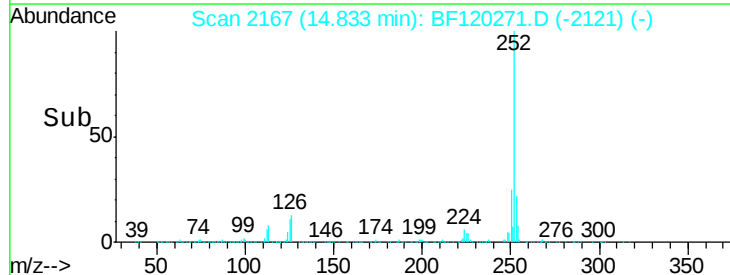
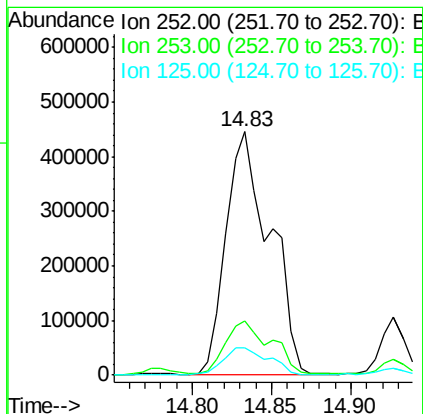
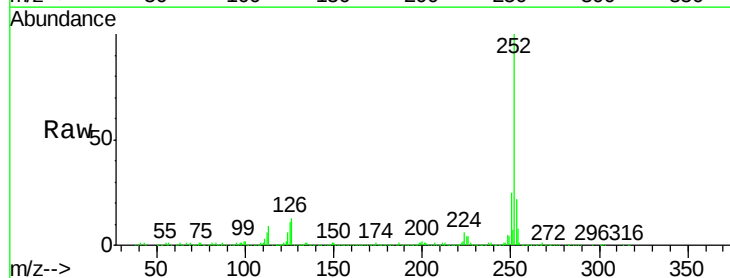
Delta R.T. -0.03 min

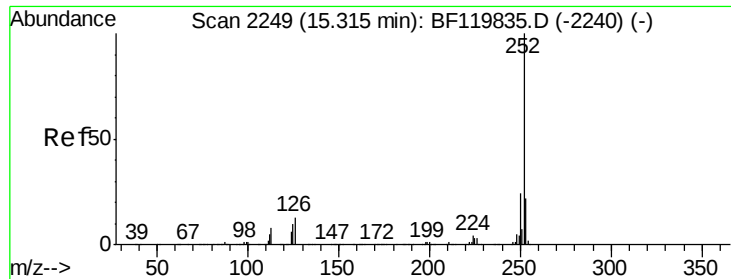
Lab File: BF120271.D

Acq: 1 May 2020 21:13

Tgt Ion:252 Resp: 854340

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.8  | 26.6  |
| 125 | 11.0  | 8.4   | 12.6  |

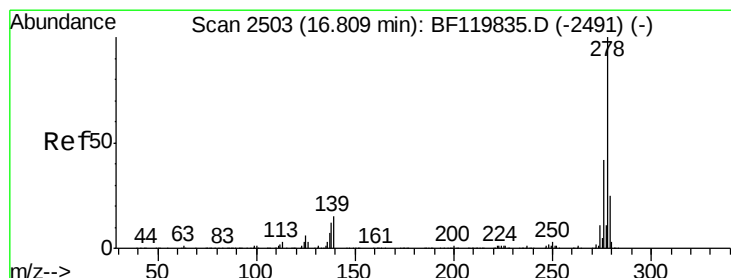
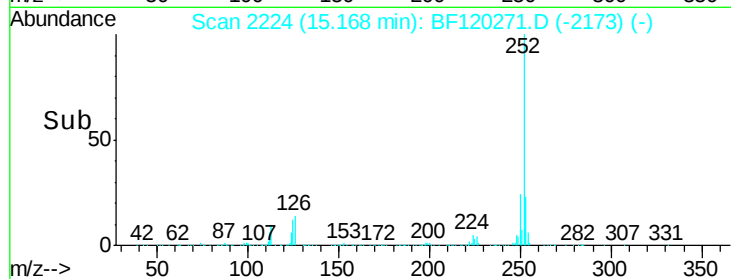
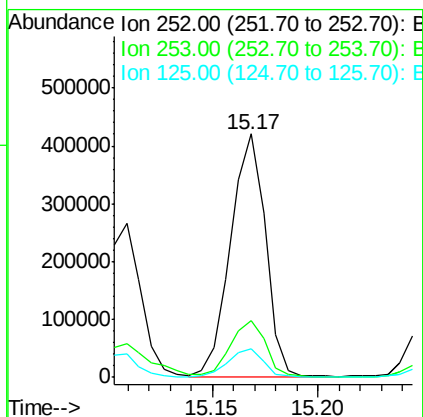
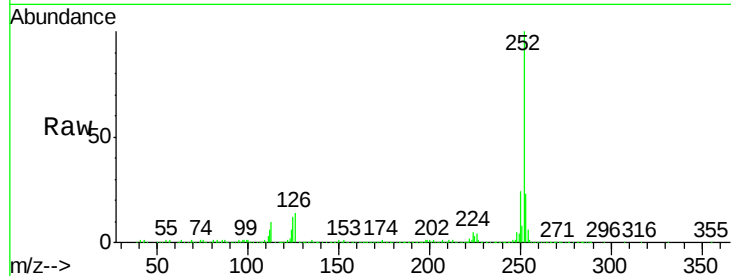




#90  
Benzo(a)pyrene  
Concen: 30.921 ng  
RT: 15.17 min Scan# 2224  
Delta R.T. 0.00 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

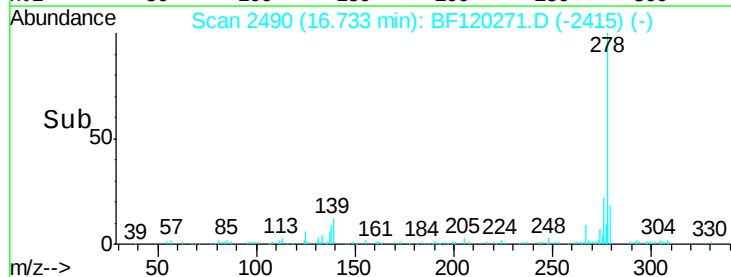
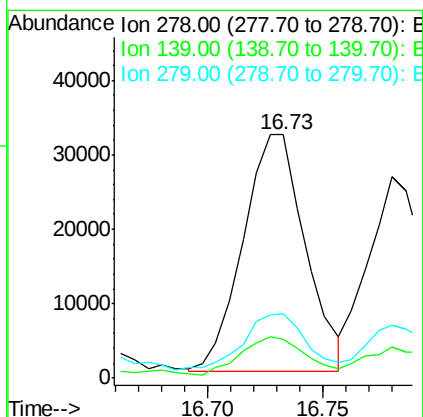
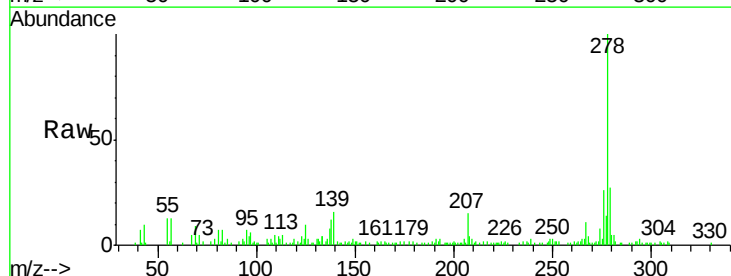
Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-AOC14-CAR-WASH

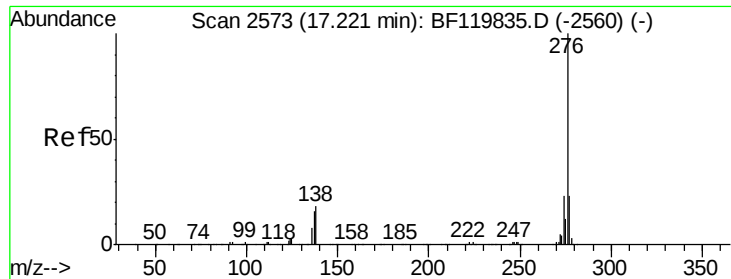
Tot Ion:252 Resp: 479589  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.2 27.2  
125 11.8 9.4 14.2



#91  
Dibenzo(a,h)anthracene  
Concen: 4.372 ng  
RT: 16.73 min Scan# 2490  
Delta R.T. 0.14 min  
Lab File: BF120271.D  
Acq: 1 May 2020 21:13

Tgt Ion:278 Resp: 60068  
Ion Ratio Lower Upper  
278 100  
139 16.1 12.6 19.0  
279 26.6 19.0 28.6

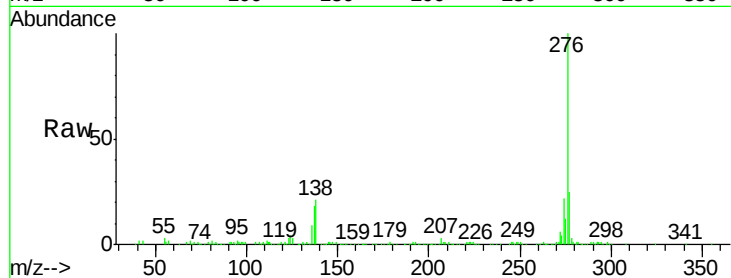




#92  
 Benzo(a,h,i)perylene  
 Concen: 18.943 ng  
 RT: 16.98 min Scan# 2532  
 Delta R.T. -0.01 min  
 Lab File: BF120271.D  
 Acq: 1 May 2020 21:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-AOC14-CAR-WASH

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.7  | 18.4  | 27.6  |
| 138     | 20.6  | 15.4  | 23.0  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

